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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): Dongliang LIN et al.		Docket No. 133697-0026	
Application No. 10/580,664	Filing Date 05/26/2006	Examiner Unknown	Group Art Unit 1742
Invention: HIGH-SILI	CON STEEL AND METHO	DOF MAKING THE SAM	ME
I hereby certify that this is being facsimile transform April 3	nitted to the United States Pater	1 pg), Request for Corrected correction (1 pg) (Identify type of correspondence) at and Trademark Office (Fax	
(Dail)		Debra L. Burns (Tiped or Printed Name of Per Ultra L. K. (Signatus	susso
•	Note: Each paper must h	ave its own certificate of mailing.	

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#### PATENT APPLICATION

IN THE UNI	TED STATES PATENT AND TRADEMA	KK OFFICE
Group Art Unit:	1742	Certificate Under 37 CFR 1.8(b)
Attorney Docket No.:	136697-0026	1 hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office via facsimile on the date indicated below.
Applicant:	Dongliang LIN et al.	on <u>April 3, 2007</u>
Invention:	HIGH SILICON STEEL AND METHOD OF MAKING THE SAME	Deba L Burns
Serial No:	10/580,664	Debra L. Burns
Filing Date:	May 26, 2006	}
Examiner:	Unknown	} }

#### REQUEST FOR CORRECTED FILING RECEIPT

Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed is a copy of the Filing Receipt received in connection with the above-identified application.

As indicated in the hand-written correction on the enclosed copy of the Filing Receipt the International application number is incorrect. The International application number should be as follows:

#### PCT/CN04/001317

The correct information for the International application number can be found on the PCT/USA National Declaration and Power of Attorney For U. S. Patent Applications in the

United States Patent and Trademark Office Under 35 U. S. C. Section 3719 (c) (4) and Publication PCT WO2005/052206 A1, copies are attached.

The undersigned respectfully requests a corrected Filing showing the requested corrections for the above-identified application.

Respectfully submitted,

Michael S. Gzybowski

Reg. No. 32,816

BUTZEL LONG 350 South Main Street Suite 300 Ann Arbor, Michigan 48104

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# Page 1 of 3 RECEIVED CENTRAL FAX CENTER



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**CONFIRMATION NO. 5344** 

35684 BUTZEL LONG 350 SOUTH MAIN STREET SUITE 300 ANN ARBOR, MI 48104 RECEIVED BUTZEL LONG

MAR 1 4 2007

A RESPONSE DUE:

Date Mailed: 03/09/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

DOCKET 200

Applicant(s)

Dongliang Lin, Shanghai, CHINA; Hui Lin, Shanghai, CHINA;

Power of Attorney: The patent practitioners associated with Customer Number 35684.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/CN04/01317 11/19/2004

Foreign Applications

CHINA 200310108897.1 11/27/2003

If Required, Foreign Filing License Granted: 03/01/2007

The country code and number of your priority application, to be used for filling abroad under the Paris Convention, is US10/580,664

Projected Publication Date: 06/07/2007

Non-Publication Request: No

Early Publication Request: No

ATTORNEY'S	POCKET	NO.	
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## PCT/USA NATIONAL DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATIONS IN THE UNITED STATES PATENT AND TRADEMARK OFFICE UNDER 35 U.S.C. SECTION 3719(c)(4)

As a below named inventor, I herby declare that:

My residence, post office address and citizenship are as stated below next to my name:

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the invention described and claimed in international application number. <a href="https://personable.com/pct//pct/sol/2004/001317">PCT/CN2004/001317</a> intitled:

#### HIGH-SILICON STEEL AND METHOD OF MAKING THE SAME

and as amended on	(if any), which I have reviewed, and I understand the contents of the
above identified specification, including th	e claims, as amended by any amendment referred to above and for which
colicit a natent: that I do not know and do	not believe that this invention was ever known or used in the United States
of America before my or our invention or t	discovery thereof, or patented or described in any printed publication in any
country before my or our invention or dis-	covery thereof, or more than one year prior to my international application
that this invention was not in public use of	· on sale in the United States of America for more than one year prior to my
international application: that this invention	on has not been patented or made the subject of an inventor's ceruncate
issued before the date of my international	al application in any country foreign to the United States of America on ar
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application, that I acknowledge my duty to	o disclose information of which I am aware which is material to pateriability
of this application; and that prior to filing:	said international application, applications for patent or inventor's certificate
on this invention of discovery which have	e been filed by me or my legal representatives or assigns in any country
foreign to the United States of America ar	e as follows:

(a) none filed more than 12 months prior to said International application, unless named below:

(b) earliest filed less than 12 months prior to said international application (the priority of which is hereby claimed under 35 U.S.C. Section 365):

#### Application Number CN 200310108897.1 filed November 27, 2003

I hereby claim the benefit under Title 35. United States Code, §120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35. United States Code, §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37. Code of Federal Regulations, §1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)	
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned	

ATTORNEY'S-DOCKET NO.	
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As a named inventor, I hereby appoint Michael S. Gzybowski, Reg. No. 32,816 of Butzel Long, P.C., as attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

#### **CUSTOMER NUMBER: 35684**

SEND CORRESPONDENCE TO:

DIRECT TELEPHONE CALLS TO:

Michael S. Gzybowski Butzel Long, P.C. 350 S. Main St., Suite. 300 Ann Arbor, MI 48104 Michael S, Gzybowski Telephone: (734) 995-3110

Facsimile: (737) 995-1777

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from who instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.
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Inventor's Signature: 4 2006

#### (12) 按照专利合作条约所公布的国际申请

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(43) 関际公布日: 2005年6月9日(09.06.2005)



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(30) 优先权:

- 200310108897.1 2003年11月27日(27.11.2003) CN
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- (81) 指定国(除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, CB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,

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所引用双字母代码和其它缩写符号,请参考刊是在每期 PCT公报期刊起始的"代码及缩写符号简要说明"。

(54) Title: HIGH SILICON STEEL AND ITS MANUFACTURE PROCESS

(54) 发明名称: 高硅钢及其钢备方法

(57) Abstract: The present invention concerns a high silicon steel and its manufacture process, which relates to the field of material making. The high silicon steel comprises (by wt.)5-10% silicon, 0.007-1% carbon; less than 0.01% impurities consisting of one or more of Mn. P. S. Cr and Ni; and balance Fe. The process comprises the steps of adding 0.01-1% carbon to a high silicon steel comprising 5%-10% silicon, subjecting the steel to a homogenizing heat treatment in a protective atmosphere i.e. a solutionizing treatment between 1200°C and the temperature below the melting point of the steel, and constant-temp annealing the steel to eliminate most of the second phase in the silicon steel. The tensile ductility and workability of the silicon steel could be remarkably improved, as a result, it makes mass production of high silicon sheet with various thickness possible. The present invention is useful for producing high silicon steel sheet and controlling its microstructure, also it could adjust final carbon content to obtain a high silicon steel sheet with optimal soft magnetism characteristics. The carbon-containing high silicon steel sheet could be utilized as a high strength constructional material at room and moderate temperature in oxidizing and corrosive atmosphere.

(57) 擠要

一种高硅钢及其制备方法。属于材料制备领域。高硅钢包含的各个 成分及其重量百分比为: 5-10%硅, 0.007-1%碳、杂质 Mn 和/或 P 和/ 或 S 和/或 Cr 和/或 Ni 含量小于 0.01%,其余为铁。其制备方法是;在 5%-10%含硅量的高硅钢中加入 0.01-1%碳, 并对高硅钢的样品进行均 勾化热处理,即从 1200°C 至低于钢熔点的固熔热处理,保温退火消除商 硅钢中大部分第二相, 均匀化退火在保护气氛中进行。本发明显著改善 了硅钢拉伸塑性和加工性能,从而令不同厚度高硅钢片的大规模生产成 为可能,不仅可用于生产高硅钢片和控制其显微组织,且可调整最终碳 含量,得到高硅钢片的最佳软磁性能。含碳的高硅钢片可作为高强度结 构材料,在室温和中温下,氧化和腐蚀气氛下使用。